रजिस्ट्री सं० डीएल—33001/95

REGISTERED No. DL-33001/95

# भारत का राजपत्र
# The Gazette of India

प्राधिकार से प्रकाशित

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No. 46] NEW DELHI, SATURDAY, NOVEMBER 18, 1995 (KARTIKA 27, 1917)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

## भाग III—खण्ड 2
## [PART III—SECTION 2]

### पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
### [Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

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Calcutta, the 18th November 1995

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Patent Office (Head Office),
"NIZAM PALACE", 2nd M.S.O.
Building, 5th, 6th and 7th Floor,
234/4, Acharya Jagadish Bose Road,
Calcutta-700020.

Rest of India.

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All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

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पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कलकत्ता, दिनांक 18 नवम्बर 1995

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी इस्टेट,
तीसरा तल, लोअर परेल (पश्चिम),
बम्बई-400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य
क्षेत्र तथा संघ शासित क्षेत्र गोआ, दमन तथा
दीव एवं दादरा और नगर हवेली ।

तार पता—"पेटोफिस"

पेटेंट कार्यालय शाखा,
कमरा सं 401 से 405; तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों
तथा संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—"पेटेंटोफिक"

पेटेंट कार्यालय शाखा,
61, बालाजाह रोड,
मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य
क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप,
मिनिकाय तथा एमिनिदिवि द्वीप ।

तार पता—"पेटोफिस"

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय,
भवन 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700020 ।

भारत का अवशेष क्षेत्र ।

तार पता—"पेटेंट्स"

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन-पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे ।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा डाक आदेश या जहां उपयुक्त कार्यालय अवस्थित है; उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है ।

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CORRIGENDUM

Under the heading "PATENT SEALED" in the Gazette of India, Part-III, Sec.—2, dated 13-10-95 to be notified on 11-11-95 *read the PATENT SEALED ON* 13-10-95 *instead* of 13-09-95.

Deletion of the following names of Registered Patent Agents from the Register of Paetnt Agents under Rules 101 (1)(d) of the Patent Rules, 1972.

V. G. Nair,
'Alaknanda', 4th Floor,
16, Nepean Sea Road,
Bombay-400 036.

C. M. Maniar,
M/s. Crawford Bayley & Co.,
State Bank Buildings,
Bank Street, Fort,
Bombay-400 023.

V. N. Rao,
77, Madhugirl Apartments,
408, Sion Trombay Road,
Chembur,
Bombay-400 071.

P. K. Biswas,
26, Garfa Main Road,
Jadavpur,
Calcutta-700 075.

R. K. Katti,
18/3, Sandesh Society,
Salisbury Park,
Pune-411 001.

A. J. Vinobaji,
Andalatt House,
Thathapilly P.O.,
N. Parur,
Kerala.

S. M. Shah,
C/o. Mahendra H. Shah,
Yusuff Building,
Veer Nariman Point,
Fort, Bombay-400 023,
Maharashtra.

S. G. Prabhakar,
152, Thambu Chetty Street,
Madras-600 001.

P. Sagar,
739, Sadar Bazar,
Gandhi Chowk,
Karnal,
Haryana.

APPLICATION FOR PATENT FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGDISH BOSE ROAD, CALCUTTA-20.

25-08-1995.

1013/Cal/95. Daewoo Electronics Co., Ltd. Compact sized optical projection system.

1014/Cal/95. Hari Machines Limited. Plant for removal of heavy metal from industrial emuent.

1015/Cal/95. The MTL Instruments Group PLC. Electrical safety barriers. (Convention No. 941/255.0; on 26-8-94; in U.K.).

1016/Cal/95. William Allen Trusts Pty. Ltd. Spaced evaporative wicks within an air cooler. (Convention No. PM7772; filed on 30-8-94; in Australia).

1017/Cal/95. Saint-Gobain Vitrage. Glass substrates coated with a stack of thin Layers having reflective properties in the infra-red and/or solar ranges.

1018/Cal/95. Saint-Gobain Vitrage. Glass substrates coated with a stack of thin layers having reflective properties in the infra-red or solar ranges. (Convention No. FR-94/15566; filed on 23-12-94; in France).

1019/Cal/95. Metallgeschaft Aktiengesellschaft. Hot gas line for gases containing hydrogen and carbon monoxide. (Convention No. P4431954.1; filed on 8-9-94; in Germany).

1020/Cal/95. Mitsui Petrochemical Industries, Ltd. Process for producing purified terephtalic acid. (Divided out of No. 512/Cal/91; dated 4-7-91).

28-08-1995

1021/Cal/95. (1) Robert Ellentuch Fischell, (2) David Ross Fischell, (3) Tim Alexander Fischell. Stent having a multiplicity of closed circular structures.

1022/Cal/95. LG Electronics Inc. Controller for microwave oven. (Convention No. 21425/1994; on 29-8-94; in Korea).

1023/Cal/95. Owens-Corning Fiberglas Corporation. Dual Glass Delivery System. (Convention No. 08/310,685; on 21-9-94; in U.S.A.).

1024/Cal/95. Siemens Aktiengesellschaft. Method for producing a smart card module for contactless smart cards. (Convention No. P4431605.4; on 5-9-94; in Germany).

1025/Cal/95. Siemens Aktiengesellschaft. Antenna Coil. (Convention No. P4431603;8; on 5-9-94; in Germany).

1026/Cal/95. Siemens Aktiengesellschaft. Circuit arrangement having a smart card module and a coil connected thereto. (Convention No. P4431604.6; on 5-9-94; in Germany).

1027/Cal/95. Radkowsky Thorium Power Corporation Seed-Blanket Reactors.

29-08-1995.

1028/Cal/95. Dr. Jagdish Narain Mishra and Mr. A. Hari Kishore. Mechanical High speed M. H. Compound Deviation meter.

1029/Cal/95. Kerr-Mcgee Chemical Corporation. Method for milling a Powder. (Convention No. 08/336,897; on 11-11-94; in U.S.A.).

1030/Cal/95. McNeil-PPC, Inc. Apertured Plastic Film. (Convention No. 08/307,973; on 16-9-94; in U.S.A.).

1031/Cal/95. McNeil-PPC, Inc. Nonwoven Fabrics Having raised portions. (Convention No. 08/308,001; on 16-9-94; in U.S.A.).

1032/Cal/95. Owens-Corning Fiberglas Corporation. Hollow Multi-component fibration fibers and the manufacturing of same. (Convention No. 08/309,706; on 21-9-94; in U.S.A.).

1033/Cal/95. Metallgesellschaft Aktiengesellschaft. Process of waetzing a metal-containing sludge. Convention No. P4436918.2; on 15-10-94; in Germany).

1034/Cal/95. Kolbenschmidt Aktiengesellschaft. Material for sliding surface bearings. (Convention No. P4434601.0; on 29-9-94; in Germany).

1035/Cal/95. Engelhard Corporation. Glose Coupled Catalyst. (Convention No. 08/350,297; on 6-12-94; in U.S.A.).

1036/Cal/95. McNeil-PPC, Inc. Defocused laser drilling process for making fabric forming device. (Convention No. 08/307,203; on 16-9-94; in U.S.A.).

1037/Cal/95. Santrade Ltd. Use of ultrasound for the solidification of melts or supersaturated solutions on conveyor belts or take-up drums. (Convention No. P4431872.3; on 7-9-94; in Germany).

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, MADRAS-2.

3rd July, 1995

806/Mas/95. Anna Aluminium Company. A thermo resistant grip on our 'PUTTU MAKER' product.

807/Mas/95. Dr. Krishna Murthy Ella. A method of preparation of HEPATITIS—B VACCINE.

808/Mas/95. Muthu M. Narayanan. The new tautopathic remedial agents—to cure the diease acquired immune dinciency syndrome (AIDS) and cancers.

809/Mas/95. S & S Industries & Enterprises Limited. A water treatment plant.

810/Mas/95. Novo Nordisk A/S. N-terminally extended proteins expressed in Yeast.

811/Mas/95. Basf Aktiengesellschaft. Preparation of stable colored disalkylaminoethanel.

812/Mas/95. Huang, Ching-Hsiang. An isolating disease proof and contraceptive hygienic cover.

813/Mas/95 Floor S.p.A. Floor cleaning machine provided with addtional nozzle with single, rapid coupling, with removable tank, with forced suction at the front or at the rear depending on its motion.

814/Mas/95. Kimberly-Clark GMBH. An apparatus and process for producing a corrugated web and an absorbent article comprising a corrugated web.

815/Mas/95. Methanol Casale S.A. Catalyst-seal support device, in particular for exorthermic heterogeneous catalytic synthesis reactors.

816/Mas/95. ASEA Brown Boveri Ltd. Hydraulic oil safety and power system for the supply of steam to a turbine.

817/Mas/95. British Gas Plc. An apparatus for detecting and measuring the presence of an electrically conducting material in granular or liquid form (November 29, 1990; United Kingdom).

4th July, 1995.

818/Mas/95. George Zacharial. Prime mover.

819/Mas/95. Rajagopalan Venkata Krishnan. Prognostic mastitis bio-kit.

820/Mas/95. British Biotech Pharmaceuticals Ltd. Metalloproteinase inhibitors.

821/Mas/95. Kotobuki & Co. Ltd. Composite wiring instrument.

822/Mas/95. Energy Inc. System and apparatus for conversion of thermal energy into mechanical and electrical power.

823/Mas/95. The Dow Chemical Company. Self-releasing binder system for composite products.

5th July, 1995.

824/Mas/95. Unifill SPA. Improvement in or relating to containers.

825/Mas/95. Adrian March Limited. Force measuring device. (July 15, 1994; Great Britain).

826/Mas/95. ABB Management AG. Device for fastening turbochargers.

827/Mas/95. ABB Management AG. Semi-conductor diode with electron donor.

828/Mas/95. Chevron U.S.A. Inc. Process for producing a high quality lubricating oil using a VI selective catalyst.

829/Mas/95. Chevron U.S.A. Inc. Zeolite SSZ-41.

830/Mas/95. Schneider Electric SA. Electrical circuit breaker with electromagnetic actuator for high ratings.

831/Mas/95. Schneider Electric SA. An electromagnetic actuator for a low voltage circuit breaker.

832/Mas/95. Barmag AG. Method of opticallymeasuring the surface of yarn packages.

833/Mas/95. Atochem. Process for the synthesis of a methyl benzyl xylene oligomer.

834/Mas/95. S. Savithri. Arecanut Dehusking machine.

6th July, 1995.

835/Mas/95. Ciba-Geigy AG. Azaaliphatically bridged quinoxaline-2, 3-dionets.

836/Mas/95. Unifill S.P.A. Packaging method and apparatus for use in filling of a container or a group of containers.

7th July, 1995.

837/Mas/95. Lucas Industries Public Limited Company. A vehicle brake system having an electronically controlled booster.

838/Mas/95. Spic Science Foundation. Antigunal composition and a process; for the preparation of the same from neam oil.

839/Mas/95. Qualcomm Incorporated. A method for rapid signal acquisition in a satellite communication system.

840/Mas/95. Qualcomm Incorporated. Reverse link, closed loop power control in a code division multiple access system.

841/Mas/95. Qualcomm Incorporated. System and method for simulating user interference in a spread spectrum communication network.

842/Mas/95. Qualcomm Incorporated. System and method for simulating interference received by subscriber units in a sprend spectrum communication network.

834/Mas/95. Qualcomm Incorporated. Method and apparatus for balancing the forward link handoff boundary in the reverse link handoff boundary in a cellular communications system.

844/Mas/95. Qualcomm Incorporated. Remote transmitter power control in a contention based multiple access system.

845/Mas/95. Qualcomm Incorporated. Improved method and apparatus for performing search acquisition in a CDMA communication system.

846/Mas/95. Qualcomm Incorporated. Method and apparatus for controlling power in a variable rate communication system.

847/Mas/95. Qualcomm Incorporated. Sensitively weighted vector quantization of line spectral pair frequencies.

848/Mas/95. Qualcomm Incorporated. Method and apparatus for performing reduced rate variable rate vocoding.

849/Mas/95. Qualcomm Incorporated. Improved method and apparatus for selecting an encoding rate in a variable rate covoder.

850/Mas/95. Conserver Engineering Ltd. Product for degrading ethylene present in food preservation spaces.

851/Mas/95. Mr. Albert Thorwesten. An explosion protection lid in lightweight construction espacially for pipelines.

852/Mas/95. Janardhanan Viswanathan. Elecrotnic insect repeller.

853/Mas/95. Unifill S P A. Moulding of containers.

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month, applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice, or within one month of its date as prescribed in Rule-36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta or the appropriate Branch Office on

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## स्वीकृत सम्पूर्ण विनिर्देश

एतद्द्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार(4) महीने या अधिक ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व, पेटेंट नियम, 1972 के साथ विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकस्व को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं । विरोध संबंधी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथाविहित इस की तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं ।"

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हो, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अदायगी पर की जा सकती है । विनिर्देश की पृष्ठ संख्या तो साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है ।

Cl. 69 A. 175941.

Int. Cl.[5] H 01 H 3/46, 71/52.

ACTUATING MECHANISM FOR A VACUUM TYPE INTERRUPTER WITH A CONTACT (FORCE) SPRING.

Applicant : SIEMENS AKTIENGESELLSCHAFT OF WITTELSBACHERPLATZ 2, D-8000, MUNCHEN, 2, WEST GERMANY.

Inventors : (1) DIETRICH RUDOLPH, (2) NORBERT STEINEMER.

Application No. 374/Cal/1990; filed on 08th May, 1990.

Appropriate office for opposition Proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

6 Claims

An actuating mechanism for switching on and off a vacuum-type interrupter (1) with a pivotally positioned (8) two-armed lever (7) which provides a contact force inside the said interrupter (1) by means of a linkage mechanism (6) therbetween the lever (7) and the interrupter (1) and a spring (11) wherein one end of the spring (11) is supported on a stationary abutment (13, 24) at the interrupter (1) and the other side of the spring is engaged with the said lever (7) and a bolt (8) is provided on the lever (7) which extends into an elongate opening (9) of a bearing (9, 10) to guide the lever (7) in a direction which runs approximately parallel to the actuation direction of the interrupter (1)

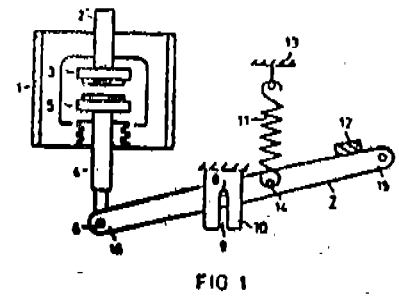


FIG 1

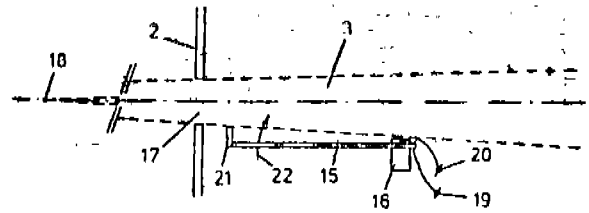



FIG 2

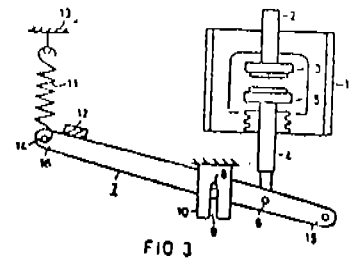


FIG 3

Compl. speen. 10 pages Drgns. 4 sheets

Cl. 206 E. 175942.

Int. Cl.[5] H 03 M 1/00.

"AN OVERSAMPLING CONVERTER OF A TYPE USING A PLURAL-ORDER SIGMA-DELTA MODULATOR".

Applicant : GENERAL ELECTRIC COMPANY OF 1 RIVER ROAD, SCHENECTADY 5, NEW YORK, UNITED STATES OF AMERICA.

Inventor : DAVID BYRD RIBNER.

Application No. 658/Cal/1990; filed on 01st August, 1990.

Appropriate office for opposition Proceedings (Rule 4 Patent rule 1972) Patent Office, Calcutta.

16 Claims

An oversampling converter of a type using a plural-order sigma-delta modulator having a plurality of sigma-delta modulator stages (eg. 10, 20, 30) for providing respective digital output signals (eg. $V_1$) responsive to respective analog input signals (x(nT)), the converter comprising :

means (40-49) for combining the digital output signals to suppress in a resulting combined signal the quantization noise arising in atleast a selected one of the stages.

a decimation filter (50) connected for responding to the resulting combined signal to generate an analog-to-digital conversion result (g(nT)),

a respective digital-to analog converter (eg. 35) and a respective analog-to-digital converter (eg. 36) each having a plural-bit resolution in each of the non-selected stages, and a respective analog-to-digital converter (eg. 15) and respectvie digital-to-analog converter (eg. 16) each having a single-bit resolution in each of the selected stages, the respective analog-to-digital converter in each of the stages generating the respective digital output signal of the stage which is converted to its respective analog feedback signal by the respective digital-to-analog converter of that stage.

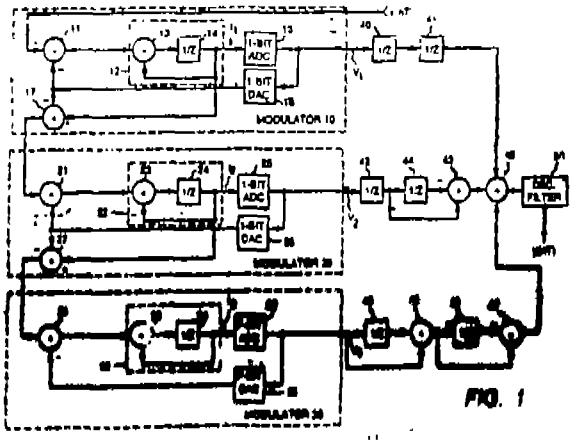


FIG. 1

Compl. specn. 31 pages Drgns. 14 sheets.

Cl. : 123 175943.

Int. : Cl.[4] C 05 F 9/00, 1/00, 3/00, 7/00, 11/00.

METHOD AND APPARATUS FOR PRODUCING ORGANIC BASED HUMIC ACID FERTILIZER.

Applicant : RELAND INDUSTRIES INC. OF P.O. BOX 27, PARAGONAH, UTAH, UNITED STATES OF AMERICA

Inventor : ELMO C. ROBINSON.

Application N.o 823/Cal/1990; filed on 21 september 1990.

Appropriate office for opposition Proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

12 Claims

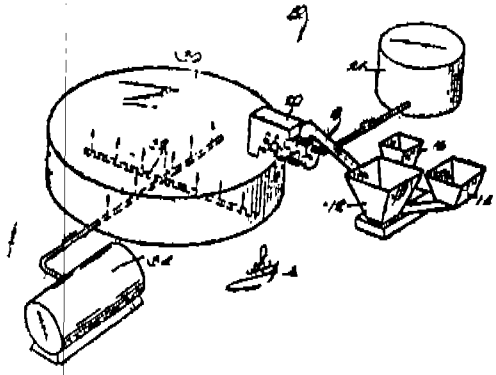
A method for producing an organic based humic acid fertilizer in the form slurry, containing a predetermined amount of an available inorganic material selected from the group including nitrogen, phosphate, and potash, and mixtures thereof from inorganic/organic materials, inorganic acid and base, such as herein described, characterised in that said fertilizer is produced as a slurry fertilizer comprising the steps of :

(a) mixing with the organic material a sufficient amount of the inorganic material to provide said predetermined amount of said inorganic material in the fertilizer product, the mixture having a moisture content of about 50 to about 99% by weight based on the total weight of the mixture;

(b) blending with the mixture a sufficient amount of an inorganic acid such as herein described, to obtain a reduction in pH of the mixture to about 1.0 or less and to cause chemical breakdown of the mixture, the mixture comprising a slurry;

(c) curing the blended slurry mixture in a container for a sufficient period of time to break down the organic material; and

(d) injecting into the cured slurry mixture in the container a sufficient amount of a base material such as an inorganic base material to raise the pH level of the slurry mixture to a predetermined pH level within the range of 4 to 8, desired for the finished slurry fertilizer product.



Compl. specn. 15 pages Drgns. 1 sheet.

Cl. 153, 178, 197, 26. 175944.

Int. Cl.[4] B 23 P 6/00, 9/02. B 24 D 3/00.

A METHOD OF MANUFACTURING A SUBSTRATE HAVING A BOND COAT ADHERED THERETO UNDAMAGED AFTER REMOVAL OF THE TOP COAT COATED ON THE BOND COAT.

Applicant : UNITED TECHNOLOGIES CORPORATION, OF UNITED TECHNOLOGIES BUILDING, 1, FINANCIAL PLAZA, HARTFORD, CONNECTICUT 06101, UNITED STATES OF AMERICA.

Inventors : (1) CHARLES CARTER MCCOMAS, (2) JOHN WAYNE APPLEBY, JR. (3) GERARD ALBERT SILEO, (4) HERBERT RUSSELL BARRIGNER, (5) MICHAEL JAMES PATRY.

Applicant No. 999/Cal/1990; filed on 27th November, 1990.

Appropriate office for opposition Proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

14 Claims

A method of manufacturing a substrate having a bond coat adhered thereto undamaged after removal of the top coat coated on the bond coat, which method comprises :

(a) creating liquid jet pressure of at least 20,000 psi to remove the top coat having means for directing the liquid jet.

(b) providing relative motion between the substrate and the said liquid jet having means to provide relative motion between the top coat and the liquid jet.

(c) supplying the liquid, having means for supplying the liquid.

(d) causing the liquid jet to strike the top coat, wherein the liquid striking the top coat causes the top coat erosion until the bond coat is exposed, whereby the substrate suffers essentially no damage and can be reused.

Compl. specn. 12 pages Drgns. 2 sheets.

Cl. 63 D 175945.

Int. Cl. H 02 K 5/24.

ELECTRIC MACHINE.

Applicant : SEIMENS AKTIENGESELLSCHAFT OF WITTELSBACHERPLATZ 2, D-8000, MUNCHEN 2, WEST GERMANY.

Inventors : (1) THOMAS SCHWIRZER, (2) PETER BREUNING.

Application No. 1046/Cal/1990; filed on 20th December, 1990.

Apprpriate office for opposition Proceedings (Rules 4 Patent rule 1972) Patent Office, Calcutta.

4 Claims

A bipolar polyphase ac machine, being excited by several excitation frequencies, with a rotor and a stator, comprising :

(a) a stator frame having two longitudinal sides;

(b) a plurality of spring elements securing the machine on a base, said spring elements being V- shaped, disposed on the stator frame and having v-tips pointing to a vertical median plane of the electric machine, each of said plurality of spring elements function as a foot of the machine, are made as separate parts, said parts are constructed resilient in the vertical and horizontal direction, in such a way that the translational natural frequency and a tilting natural frequency of the rotor and the stator are at a distance from the excitation frequencies which occur, this distance being sufficient for the avoidance of resonances.

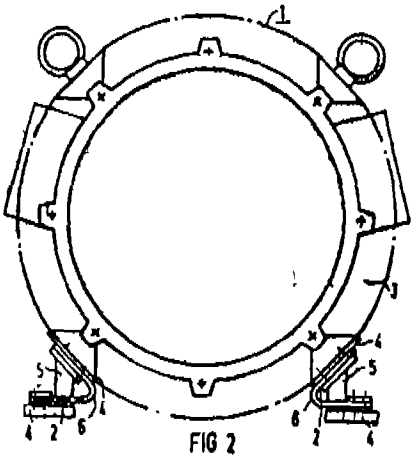


FIG 2

Compl. specn. 8 pages. Drgns. 1 sheet.

Cl. : 148 H 175946.

Int. Cl.[4] : H 05 G 1/26, A 61 B 6/00.

SLIT RADIOGRAPHY APPARATUS.

Applicant : B.V. OPTISCHE INDUSTRIE "DE OUDE DELFT", OF VAN MIEREVELTLAAN 9, 2612 XE DELFT. THE NETHERLANDS.

Inventor : RONALD JAN GELUK.

Application No. 79/Cal/91 filed on 25th January, 1991.

Apprpriate office for opposition Proceedings (Rules 4 Patent rule 1972) Patent Office, Calcutta.

11 Claims

Slit radiography apparatus provided with an absorption device (8) which interacts with a slit dispharagm (2) and which comprises electrically controllable piezoelectric tongues (9) having a fixed end and free end, and also a control device (10) which feeds electrical control signals to the tongues during operation, characterised in that the apparatus comprises at least one stop device having elements (31, 32; 33, 34,; 40, 41; 50, 51), such as herein described, for attaining a rapid and accurate response of the tonques to the electrical control signals fed thereto and preventing any uncontrolled vibrations and consequent damage of the tongues caused by the mechanical resonance thereof.

Compl. specn. 10 pages Drgns. 2 sheets

Cl. : 32 C 175947.

Int. Cl. : C 07 C 67/08.

PROCESS FOR THE PRODUCTION OF ESTERS HAVING GOOD SURFACE ACTIVE PROPERTIES.

Applicant : BALMER LAWRIE & COMPANY LIMITED 21 NETAJI SUBHAS ROAD, CALCUTTA-700001, WEST BENGAL INDIA.

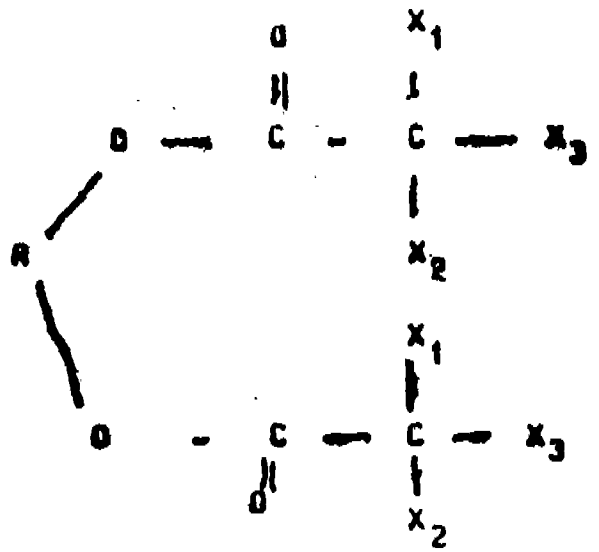
Inventors : (1) CHENGAZHAPALLIL VELUPILLAI CHANDRASAKHARAN, (2) DEBASISH SEN GUPTA.

Applicant No. 8/Cal/92 filed on 6th January, 1992.

Appropriate office for opposition proceedings (Rule 4 patent rule 1972) patent office, Calcutta.

Claims 5

Process for the production of esters containing hereto atoms(s) having good surface active properties of the general Formula 3

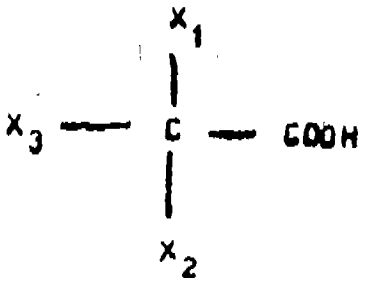


FORMULA 3

which comprises reacting a polyol having 2 to 200 carbon atoms of the general Formula 1.

FORMULA 1

with a carboxylic acid having 2 to 15 carbon atoms containing one or more hetero atoms of the general Formula 2



FORMULA 2

in the presence of an esterification catalyst at a temperature of 40° to 140°C wherein

$X_1$, $X_2$ are functional groups like H, $-CH_2$-indole; phenol;

$X_3$ is a functional group having one or more hereto atoms;

R is an alkyl group having 2 to 200 carbon atoms.

Compl. specn. 6 pages Drgns. Nil.

Cl. : 47 E 175948.

Int. Cl.[1] : C 10 B 9/00.

BATTERY OF IMPROVED BEEHIVE COKE OVENS.

Applicant & Inventor : ASOK RANJAN DASGUPTA, OF 102, JAMUNA APARTMENTS "SHANTI BHUWAN", BANK MORH, DHANBAD-826001, INDIA.

Application No. : 168/Cal/92 filed on 12th March, 1992.

Appropriate office for opposition proceedings (Rule 4 patent rule 1972) patent office, Calcutta.

23 claims

A battery of improved beehive coke ovens, which are placed side by side or back to back each of said coke ovens comprising a rectangular combustion chamber with an arched roof, supported by vertical walls, said arched roof having opening(s) for charging of coal or other carbonaceous materials for carbonisation thereof, said chamber being provided with atleast one refractory lined door at one end and for discharging the coke so produced, after completion of combustion, and having oven sole; each said oven being further provided with heat utilisation arrangement, constituted by :—

(a) primary air duct(s), extending substantially throughout the length of the oven, and disposed on top of the oven arch, for receiving air from the atmosphere, and supplying preheated primary air inside the oven chamber;

(b) duct(s) for waste gases, e.g. coke oven gases/ gaseous products of combustion, extending substantially throughout the length of the oven, and disposed on top of the oven arch, said "waste gas" duct(s) being in communication with the oven chamber, through a plurality of coke oven gas collecting ports;

(c) secondary air duct(s), extending substantially throughout the length of the oven, and disposed on top of the oven arch, for receiving air from the atmosphere and supplying preheated secondary air to the said "waste gas" duct(s);

(d) sole flues, disposed below the oven sole and extending substantially throughout the length of the oven for passage of hot waste gases and preheated air therethrough;

(e) gas discharge tunnel(s), extending throughout the length of the battery of the ovens, disposed on either or both side(s) of the battery and below the oven level, having connection with the sole flues of each of the ovens for passage of waste gases, to be discharged through a common channel, disposed transversely of the battery, said common channel being in communication with a single chimney;

(f) tertiary air duct(s), provided in thermal contact with the said gas discharge tunnel(s), for receiving air from the atmosphere and supplying preheated tertiary air to the sole flues of each of the ovens, and, consequently, for keeping the foundation of the ovens cool;

(g) horizontal wall flue(s) connected between the said "waste gas" duct(s) and the sole flues for supply of preheated waste gases to the sole flues; and

(h) vertical wall flue(s) connected between the said "waste gas" duct(s) and the sole flues for supply of preheated waste gases to the sole flues.

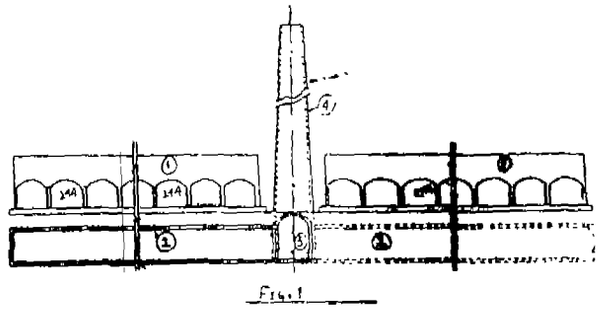


Fig. 1

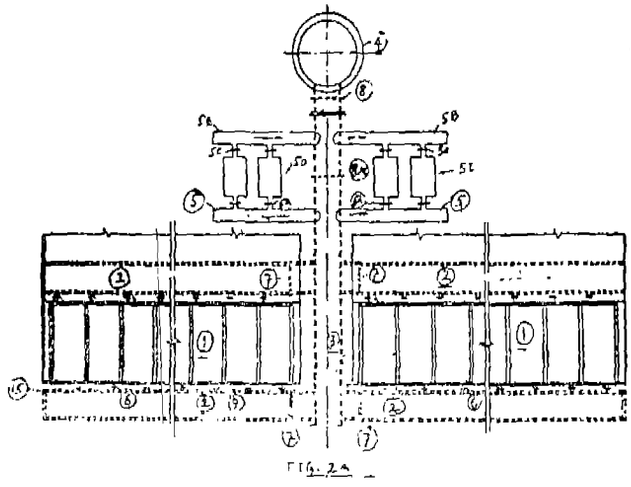


FIG. 2A

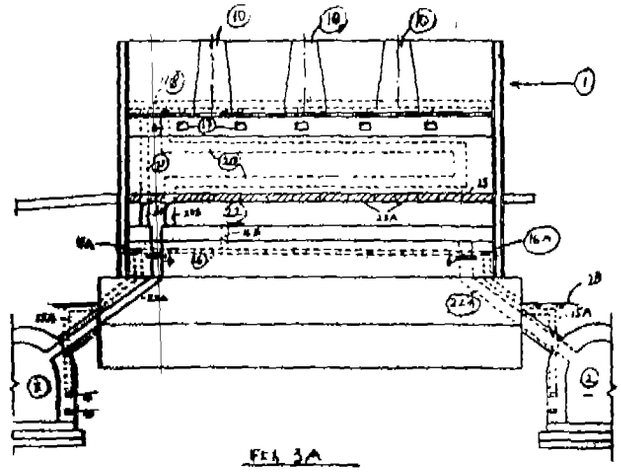


FIG. 3A

(Compl. Specn. 27 pages; Drgns. 27 sheets)

Cl. : 40 F; 35 E; 35 C 175949

Int. Cl.[1] : C 04 B 2/00, 14/00, 16/02, 16/00, 18/00, 20/00, 22/00, 28/00, 26/28, 35/00.
C 30 B 9/00.

PROCESS FOR PREPARING RIGID, SEMI-RIGID OR ELASTOMERIC FOAMS FROM INDUSTRIAL WASTE MATERIALS AND ARTICLES MADE THEREWITH.

Applicant & Inventor: SANTANU ROY, OF 13 NANDA KUMAR CHOWDHURY LANE, CALCUTTA 700006, WEST BENGAL, INDIA.

Application No. 448/Cal/92 filed on 24th June 1992.

Appropriate Office for Opposition Proceedings (Rule 4 Patent Rule 1972), Patent Office, Calcutta.

15 Claims

A process for preparing rigid, semi-rigid or elastometric compounds from industrial waste materials and articles made therewith which comprises *in combination the following* steps :—

(a) conversion of said waste material(s) into finely divided form as and when needed and thereafter into wetted form by mixing the powdery mass with at least one compound containing one or more active hydrogen atoms at an alkaline pH, optionally followed by blending with one or more whiskering materials;

(b) heating of an active hydrogen-containing compound selected from polyols, compounds containing amino or carboxyl groups, hydroxyl terminated polyethers and polyesters, hydroxy fatty acids, hydroxy fatty oils or derivatives of such compounds to a temperature of around 70°—7/0°C under stirring for about 1 hours after making the said compound alkaline by adjusting the pH between 6.0 and 7.8;

(c) coling of the said compound to between 25° and 45°C, followed by addition of blowing agent;

(d) addition of an amine reactant and water to the mass obtained from step (c) and stirring the same for about 1 hours;

(e) mixing the reactants obtained from steps (a) and (d), preferably under pressure of about 2-26 atm, to form an intermediate, and

(f) react in the said intermediate with an isqcyanate adduct, optionally in the presence of one or more whiskering materials and preferably dispensing the reactants through a dispensing means equipped with pressure pumping arrangement;

(g) injecting the reaction mix obtained from the previous step into a predetermined space for formation of a foam body and/or

(h) converting the foam material into articles of commerce by known steps, wherein 'industrial waste materials', 'compound containing one or more active hydrogen atom', 'whiskering materials', 'blowing agent' and 'articles of commerce' are such as herein described.

(Compl. Specn. 25 pages; Drgns. Nil)

Cl. : 55 B$_4$ 175950

Int. Cl.$^4$ : A 61 K 37/36.

PROCESS FOR PRODUCING CHIKEN GROWTH HORMONE.

Applicant : LUCKY LIMITED, OF 20 YOIDO-DONG, YONGDUNGPO-KU, SEOUL, REPUBLIC OF KOREA.

Inventor : JOONG MYUNG CHO.

Application No. 21/Cal/93 filed on 14th January 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

7 Claims

A process for producing a chicken growth hormone which comprises culturing an *E. coli* cell transformed with a plasmid ptrp-CST comprising a chicken growth hormone gene by a known method capable of expressing the growth hormone at a temperature ranging from 30°C to 37°C, and purifying the chicken growth hormone from the culture of the *E. coli* cell wherein the chicken growth hormone has the following amino acid sequence of :

Met Thr Phe Pro Ala Met Pro Leu Ser
Asn Leu Phe Ala Asn Ala Val Leu Arg
Ala Gln His Leu Leu Ala Ala Glu Thr
Tyr Lys Glu Phe Glu Arg Thr Tyr Ile
Pro Glu Asp Gln Arg Tyr Thr Asn Lys
Asn Ser Gln Alo Ala Phe Cys Tyr Ser
Glu Thr Ile Pro Ala Pro Thr Gly Lys
Asp Asp Ala Gln Gln Lys Ser Asp Met
Glu Leu Leu Arg Phe Ser Leu Val Leu
Ile Gin Ser Trp Leu Thr Pro Val Gln
Tyr Leu Ser Lys Val Phe Thr Asn Asn
Leu Val Phe Gly Thr Ser Asp Arg Val
Phe Glu Lys Leu Lys Asp Leu Glu Glu
Gly Ile Gln Ala Leu Met Arg Glu Leu
Glu Asp Arg Ser Pro Arg Gly Pro Gln
Leu Leu Arg Pro Thr Tyr Asp Lys Phe
Asp Ile His Leu Arg Asn Glu Asp Ala
Leu Leu Lys Asn Tyr Gly Leu Leu Ser
Cys Phe Lys Lys Asp Leu His Lys Val
Glu Thr Tyr Leu Lys Val Met Lys Cys
Arg Arg Phe Gly Glu Ser Asn Cys Thr
Ile End End.

and, the said chicken growth hormone gene has the following nucleotide sequence of :

30
ATG ACT TTC CCA GCT ATG CCA TTG TCT AAC
60
TTG TTC GCT AAC GCT GTT TTG AGA GCT CAA
90
CAT TTG CAC TTG TTA GCT GCT GAA ACT TAC
120
AAG GAA TTC GAA AGA ACT TAC ATT CCA GAA
150
GAC CAA AGA TAC ACT AAC AAG AAC TCT CAA
180
GCT GCT TTC TGY TAC TCT GAA ACT ATT CCA
210
GCT CCA ACT GGT AAG GAC GAC GCT CAA CAA
240
AAG TCT GAT ATG GAA TTG TTG AGA TTC TCT
270
TTG GTT TTG ATT CAA TCT TGG TTG ACT CCA
300
GTT CAA TAC TTG TCT AAG GTT TTC ACT AAC
330
AAC TTG GTT TTC GGT ACT TCT GAC AGA GTT
360
TTC GAA AAG TTG AAA GAT CTA GAA GAA GGT
390
ATT CAA GCT TTG ATG AGA GAA TTG GAA GAC
420
AGA TCC CCA AGA GGT CCT CAA TTG TTG AGA
450
CCA ACT TAC GAC AAG TTC GAC ATT CAC TTG

480

AGA AAC GAA GAC GCT TTG TTG AAG AAC TAC

510

GGT TTG TTG TCT TGT TTC AAG AAG GAC TTG

540

CAC AAG GTT GAA ACT TAC TTG AAG GTT ATG

570

AAG TGT AGA AGA TTC GGT GAA TCT AAC TGT ACT ATT TAA TAG.

(Compl. Specn. 27 pages; Drgns. 6 sheets)

## AMENDMENT PROCEEDINGS UNDER SECTION-57

The amendments proposed by "RWEDEA AKTIENGESELLSCHAFT FUR MINERALOEL UNDCHEMIE" in respect of Patent No. 169182 (133/MAS/87) as advertised in part III, Section 2, of Gazette of India on 7-3-1992 and no opposition being filed within the stipulated period, the said amendments have been allowed.

## OPPOSITION PROCEEDINGS U/S 25 (1)

An opposition entered by M/s. Polar Fan Industries Ltd. to the grant of a Patent application No. 169582 (449/Del/87) Antedated to 15th May 1985 has been allowed and no Patent shall be granted on the said application.

An opposition has been entered by DEVENDRA JAIN to grant of a Patent on application No. 172764 (270/Del/88) dated 5-4-88 made by SHRI RAM FIBRES LIMITED.

An opposition has been entered by CROMPTON GREAVES LIMITED to grant of a patent on application No. 173019 (256/B/91) dated 5th September 1991 made by SHRI FREDRICK MICHAEL D'SOUZA.

An opposition has been entered by GODREJ SOAPS LIMITED to grant of a Patent on application No. 173327 (1012/DEL/89) dated 3-11-1989 made by RANJANA GUPTA.

An Opposition has been entered by Godrej Soaps Limited to grant of a patent on application No. 173328 (1014/Del/89) dated 3-11-89 made by Ranjana Gupta.

An opposition have been entered by M/s. Godrej Soaps Ltd., Bombay 400 079 to the grant of a Patent Application No. 173953 (223/BOM/1991) made by M/s. Hindustan Lever Limited, Bombay 400 020.

An opposition have been entered by M/s. Procter and Gamble Far East Inc., Japan to the grant of a patent application No. 173958 (316/BOM/1991) made by M/s. Hindustan Lever Ltd. Bombay-400 020.

An Opposition has been entered by Procter & Gamble Far East Inc. to grant of a patent on application No. 174429 dated 31st March 1992 made by Hindustan Lever Limited.

## CESSATION OF PATENTS

162916 162928 162965 162971 162974 162983 162985 163010 163027 163034 163036 163039 163087 163108 163148 163156 163172 163174 163193 163198 163244 163272 163285 163294 163302 163360 163376 163379 163380 163389 163397 163398 163416 163427 163428 163442.

## RENEWAL FEES PAID

154985 156316 156709 156711 156712 156859 157983 159054 160232 160599 162748 163154 163636 164410 164462 164466 164623 164742 164794 165176 165457 165489 165966 165970 166375 166869 167189 167194 167276 167312 167315 167317

166375 166869 167189 167194 167276 167312 167315 167317

167318 167341 167432 167442 167535 167571 167632 167653 167923 168210 168333 169166 169297 169394 169395 169397 169469 169523 169604 169663 169725 169799 170266 170416 170683 170787 170987 171052 171054 171113 171334 171336 171467 171468 171493 171501 171711 171730 171771 171921 171939 171955 171959 172076 172168 172206 172248 172347 172440 172501 173228 173643 173644 173652 173922 174021 174027 174093 174097 174098 174120 174141.

## PATENT SEALED ON 20-10-95

174176 174666* 174905 174948 174950 174956 174984 174989 174990 174991 174992 174993 174994 174995 174996 174998 174999 175000 175002 175003* 175004 175006 175007 175008 175009 175010* 175012 175016* 175028 175030*.

CAL—19, DEL—08, BOM—NIL, MAS—03.

*Patent shall be deemed to be endorsed with the words LICENCE OF RIGHT under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

## REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 1. No. 168347, Ravissant, a division of Vishal (P) Limited, An Indian Company, 24 Nehru Place, New Delhi 110019, India. "SHOWING LADY & THE GENT SPEAKING WITH EACH OTHER", 31st October 1994.

Class 1. No. 168359, Ravissant, a division of Vishal (P) Limited 24 Nehru Place, New Delhi-19, India, "PAPER KNIFE", 31st October 1994.

Class 1. No. 168352, Ravissant, a division of Vishal (P) Limited, 24 Nehru Place, New Delhi-19, India, "CHAMPAGEN TABLE WITH BUCKET", 31st October 1994.

Class 1. No. 168353, Ravissant, a division of Vishal (P) Limited, 24 Nehru Place, New Delhi-19, India, "FRUIT DISH", 31st October 1994.

Class 1. No. 168355, Ravissant, a division of Vishal (P) Limited, 24 Nehru Place, New Delhi-19, India, "KNIFE", 31st October 1994.

Class 1. No. 167958 & 167961, Ravissant, a division of Vishal (P) Limited, 24 Nehru Place, New Delhi-19, India, "TEA POT", 22nd August 1994.

Class 1. No. 167960, Ravissant, a division of Vishal (P) Limited, 24 Nehru Place, New Delhi-19, India "MILK POT", 22nd August 1994.

Class 1. No. 167882 & 167883, Richard C. Wareham, American National having office at 3628 W. Pierce St. Milwaukee, WI 53215-1030, U.S.A., "SOLAR COOKER", 10th August 1994.

Class 1. No. 167409, Lakshmi Machine Works Limited, an Indian company having its registered office at Perianaickenpalayam, Coimbatore 641020, Tamilnadu, India, "MOUNTING PLATE OF A CARD" 5th May 1994.

Class 1. No. 167419, Lakshmi Machine Works Limited, having its office at Perianaickenpalayam, Coimbatore 641020, Tamilnadu, India, "WEB DEFFING ASSEMBLY OF A CARD" 5th May 1994.

Class 1. No. 167395, Lakshmi Machine Works Limited, having its office at Perianaickenpalayam, Coimbatore 641020, Tamilnadu, India. "FRICTION RING OF A CARD" 5th May 1994.

Class 1. No. 167418, Lakshmi Machine Works Limited, having its office at Perianaickenpalayam, Coimbatore 641020, Tamilnadu, India, "GEAR BLOCK OF A CARD" 5th May 1994.

Class 1. No. 167397, Lakshmi Machine Works Limited, having its office at Perianaickenpalayam, Coimbatore 641020, Tamilnadu, India, "CONDENSER OF A CARD" 5th May 1994.

Class 1. No. 167408, Lakshmi Machine Works Limited, having its office at Perianaickenpalayam, Coimbatore 641020, Tamilnadu, India, "WORM WHEEL OF A CARD" 5th May 1994.

Class 1. No. 167746 & 167747 Tidy Home Products Pvt. Ltd., a company incorporated under the Indian Companies Act, 1956, M 4, commercial complex, Greater Kailash Part II, New Delhi 110048, India, "BOTTLE", 7th July 1994.

Class 1. No. 167998, Softel Machines (P) Ltd. Plot No. 69, Sector 1-A, Gandhidham 370201, Gujarat, India, "SODA MAKING MACHINE", 25th August 1994.

Class 3. No. 167997, Softel Machines (P) Ltd. Plot No. 69, Sector 1-A, Gandhidham 370201, Gujarat, India, "SODA MAKING MACHINE", 25th August 1994.

Class 3. No. 168188 & 168195, Govind Rubber Limited, having their principal place of business at 422, Creative Industrial Estate, N.M. Joshi Marg, Lower Parel, Bombay-11, Maharashtra, Indai, "TYRES FOR BICYCLES", 5th October 94.

Class 3. No. 168677, Polyset Products Pvt. Ltd., whose address is 2503-6, G.I.D.C. Halol, Dist. PMS Gujarat, India, "ICE BOX", 27th January 1995.

Class 3. No. 168678, Polyset Products Pvt. Ltd., whose address is 2503-6, G.I.D.C. Halol, Dist. PMS Gujarat, India, "CONTAINER", 27th January 1995.

Class 3. No. 168997 & 168998 Sony Kabushiki Kaisha, trading as SONY CORPORATION, a Japanese corporation having its office at 6-7-35 Kitashinagawa, Shinagawaku, Tokyo 141, Japan, "TELEVISION RECEIVER", 5th April 1995.

Class 3. No. 168809 & 168810, A T & T CORP., of 32 Avenue of the Americas, New York, New York, 10013-2412, U.S.A., "A TELEPHONE STAND", 15th February 1995.

Class 3. No. 168906, Motorola, INC., a corporation of the State of Delaware, U.S.A. of 1303 East Algonquin Rd., Schaumburg, Illinois, 60196, U.S.A., "SELECTIVE CALL RECEIVER", 8th March 1995.

Class 3 No. 169079, Motorola, INC., a corporation of the State of Delaware, U.S.A. of 1303 East Algonquin Rd., Schaumburg, Illinois, 60196, U.S.A., "EXTERNAL CONNECTOR PLUG", 26th April 1995.

Class 3. No. 168739, Black & Decker INC., a Delaware corporation of Drummond Plaza office Park, 1423 Kirkwood Highway, Newark, Delaware 19711, U.S.A., "FLASH LIGHT", 3rd February 1995.

Class 3. No. 169136, Black & Decker INC., a Delaware corporation of Drummond Plaza office Park, 1423 Kirkwood Highway, Newark, Delaware 19711, U.S.A., "FLASH LIGHT", 8th May 1995.

Class 3. No. 168571, Bakson Drugs & Pharmaceuticals Pvt. Ltd., F 64, Okhla Industrial Area, Phase I, New Delhi 20, India, "CONTAINER". 2nd January 1995.

Class 3. No. 168572, Bakson Drugs & Pharmaceuticals Pvt. Ltd. F 64, Okhla Industrial Area, Phase I, New Delhi 20, India, "CAP OF THE BOTTLE", 2nd January 1995.

Class 3. No. 168573, Bakson Drugs & Pharmaceuticals Pvt. Ltd. F 64, Okhla Industrial Area, Phase I, New Delhi 20, India, "BOTTLE", 2nd January 1995.

Class 3. No. 167548 & 167550, Hindustan Lever Limited, 165/166, Backbay Reclamation, Bombay 20, Maharashtra, India, "CONTAINER", 6th December 1993 (Reciprocity Date).

Class 3. No. 167546, Hindustan Lever Limited, 165/166, Backbay Reclamation, Bombay 20, Maharashtra, India, "INFUSION PACKAGE", 6th December 1993 (Reciprocity Date).

Class 3. No. 169103, 169105 to 169107, Dewan Tyres Limited, Rithani, Delhi Road, Meerut-250002, U.P., India, an Indian national and of the above address, "TYRE", 3rd May 1995.

Class 3. No. 167379, Lakshmi Machine Works Limited, having its office at Perianaickenpalayam, Coimbatore 641020, Tamilnadu, India, "FEED ROLLER FOR SPEED FRAME" 5th May 1994.

Class 3. No. 168441 & 168442 Devi Polymers Pvt. Ltd., of T.N.K. House, 48 Anna Salai, Madras-600002, Tamilnadu, India, an Indian company, "WATER TANK", 1st December 1994.

Class 3. No. 167885, Richard C. Wareham, Amirican National having office at 3628 W. Pierce St., Milwaukee, WI 53215-1030, U.S.A., "SOLAR COOKER", 10th August 1994.

R. A. ACHARYA
Controller General of Patent, Design & Trade Marks

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